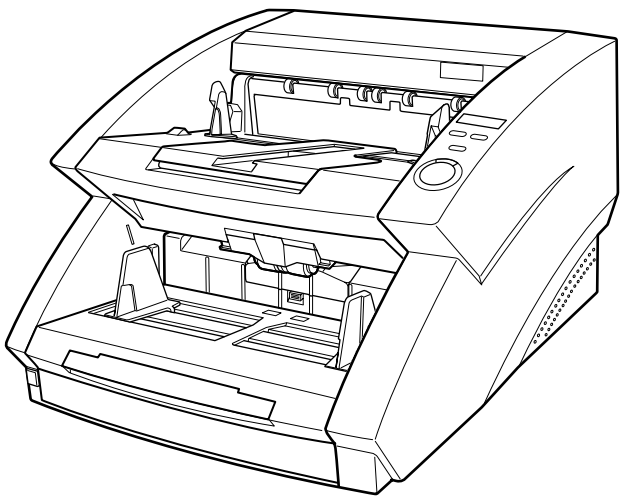
Canon

CANON DOCUMENT SCANNER

DR-6080/9080C

Maintenance Guide



Please read this manual before operating this unit. After you finish reading this manual, store it in a safe place for future reference.

Chapter 7

Daily Cleaning

This chapter describes daily cleaning of the scanner.

7.1 Daily Cleaning 80
Cleaning the Main Unit 80
Cleaning the Document Detection Sensor 81
Cleaning the Scanning Glasses and Rollers 81
Cleaning the Shading Plates 85
Cleaning the Guide Plate (When Using the Imprinter) 87
Cleaning the Ink Jet Nozzles (When Using the Imprinter) 87
Power Outlet 87
7.2 Replacing the Rollers 88
When to Replace the Rollers 88
Resetting the Counter 89
Installing and Removing the Rollers 91

7.1 Daily Cleaning

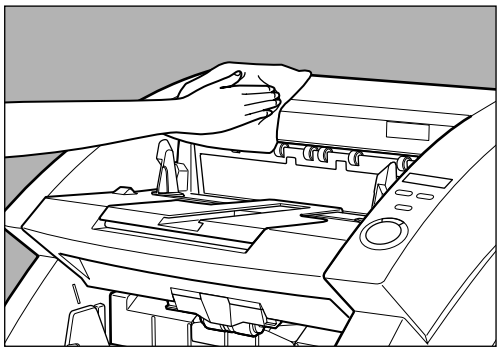
To ensure high-quality image scanning, regularly clean your DR-6080/9080C as described below.

CAUTION

- Before you clean the scanner, turn OFF the scanner and computer and disconnect the power cord from the power outlet. Otherwise, it might cause an electrical shock.
- Never clean the scanner with any kind of organic solvent, such as alcohol, benzene, or paint thinner. It might cause a fire and electrical shock, or cause the exterior of the scanner to disfigure of discolor.
- Never spray mild detergent or water directly on the scanning glasses. The spray could penetrate below the glass and contaminate the internal light source and lenses.

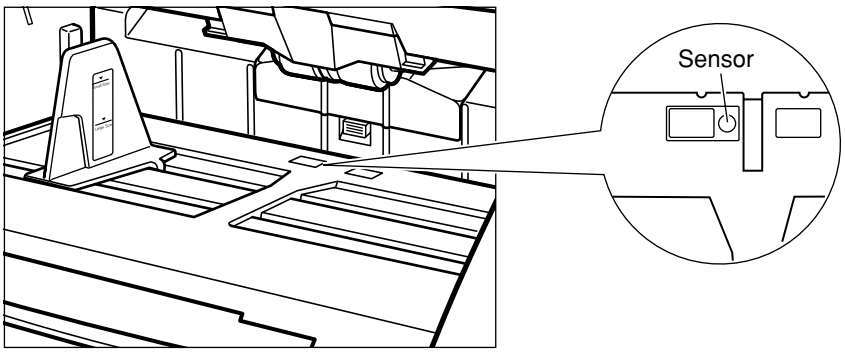
Cleaning the Main Unit

Wipe the scanner with a firmly wrung cloth moistened slightly with water or mild detergent. Then wipe off with a clean, dry cloth.



Cleaning the Document Detection Sensor

Dust and debris that collects on the sensor will cause false recognition. Clean the sensor periodically so that dust and debris do not collect on it.



Cleaning the Scanning Glasses and Rollers

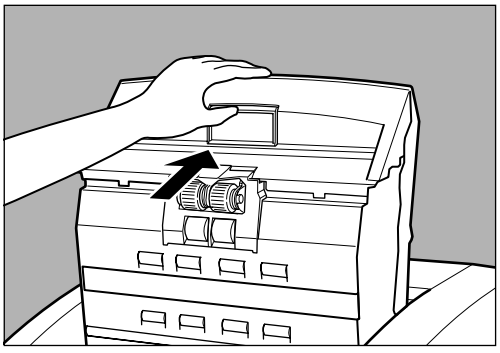
A probable cause of stripes appearing on scanned images or dirt appearing on scanned documents is dirt on the scanning glasses or rollers. Clean the scanning glasses and rollers regularly.

1 Press the power switch to turn OFF the scanner, and unplug the power cord from the power outlet.

2 Close the document eject tray extension if it is open.

3 Open the upper scanner.

Press the open/close button, and lift up the upper scanner gently until it stop and locks in the open position.

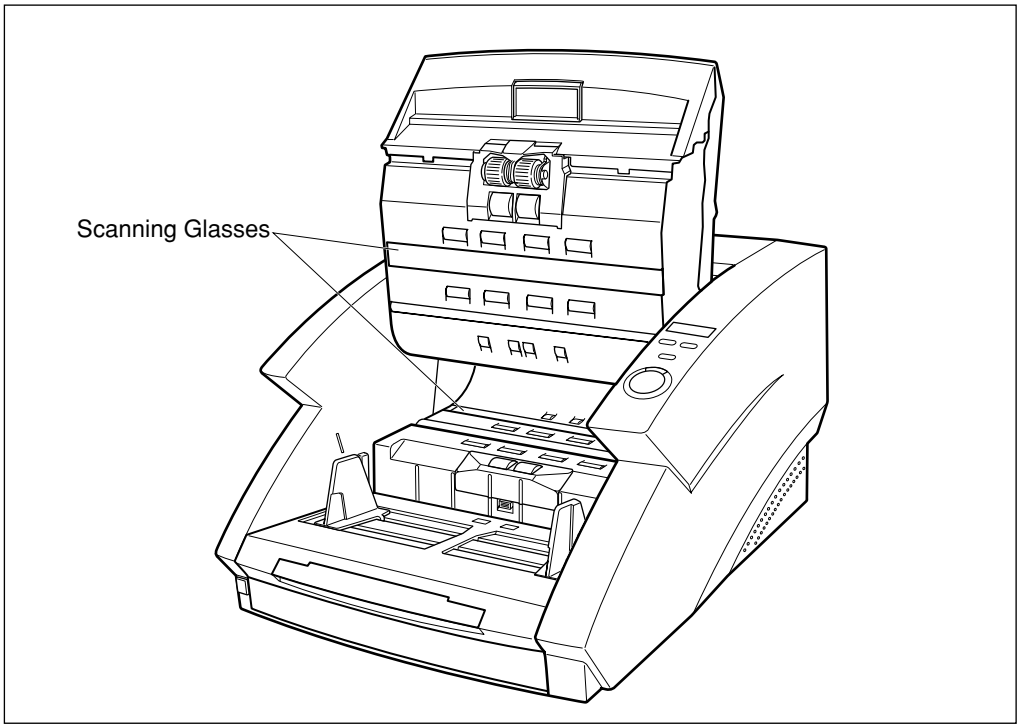


4 Use a clean, soft cloth to wipe the scanning glasses.

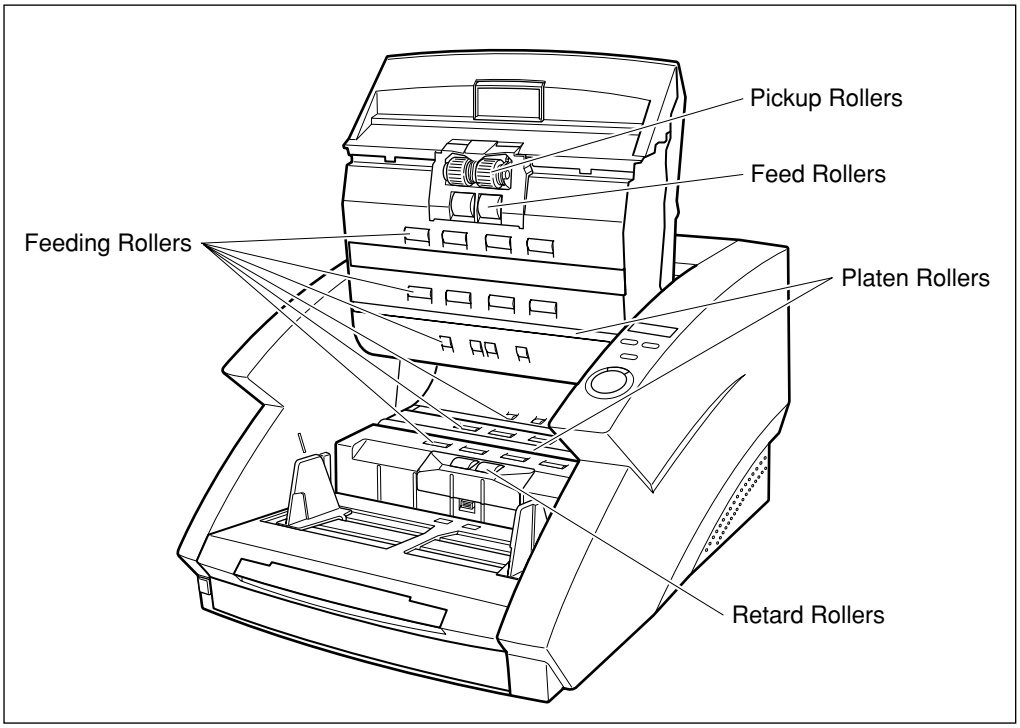
Be sure to clean both scanning glasses, the one below and one above.

CAUTION

Never spray mild detergent or water directly on the scanning glasses. The spray could penetrate below the glass and contaminate the internal light source and lenses.

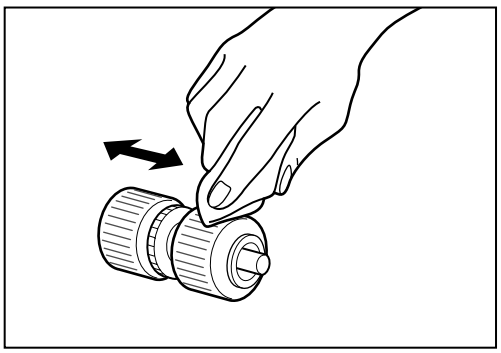


5 Wipe the rollers with a firmly wrung cloth moistened with water.
Rollers are located at the positions indicated in the figure below.



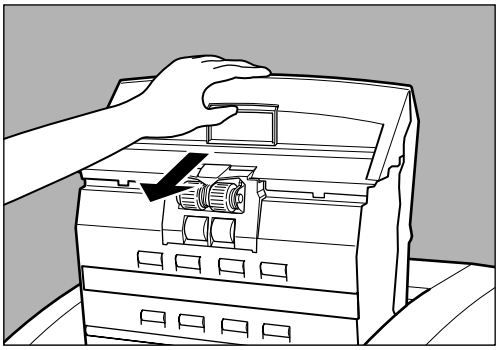
6 Remove the pickup roller, retard roller, and feed roller. (See "Installing and Removing the Rollers," on p.91.)

7 Use cloth from which all the water has been wrung out to wipe off the rollers.



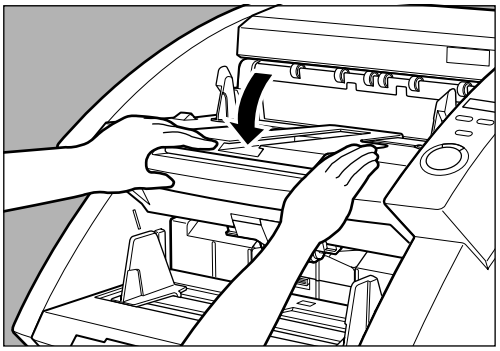
8 Replace the rollers that you removed. (See "Installing and Removing the Rollers," on p.91.)

9 Carefully close the upper scanner.



10 Press the upper scanner down firmly on both sides to close it.

If you press the upper scanner down only on one side, the opposite side will not be fully closed. Make sure that you hear it click into place.



Important

If paper jams or double-feed (feeding of two or more document pages) occurs frequently in spite of your having cleaned the rollers, a probable cause is roller friction. If this happens, replace the rollers. Contact your service representative.

Cleaning the Shading Plates

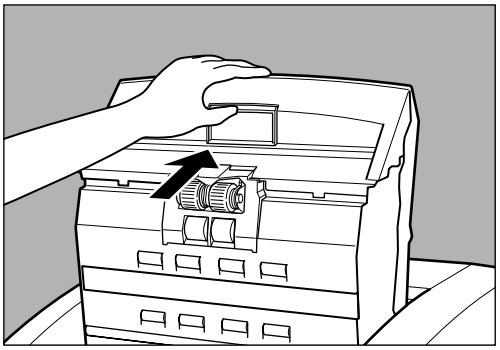
If scanned images appear scratchy even after you have cleaned the rollers, the shading plates inside the scanner may be dirty. If this happens, clean the shading plates.

CAUTION

The power to the scanner is ON when you are cleaning the shading plates so be very careful.

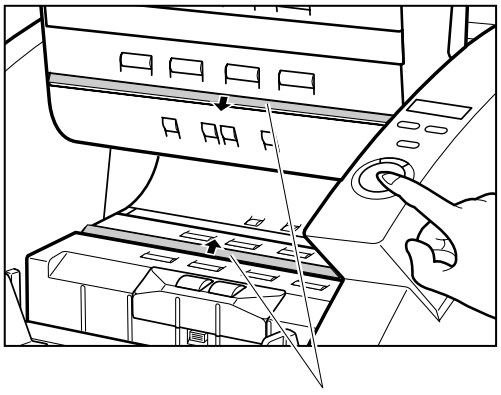
1 Open the upper scanner.

Press the open/close button, and lift up the upper scanner gently until it stops and locks in the open position.



2 Press the [Start] key.

The shading plates come out from above the platen rollers.



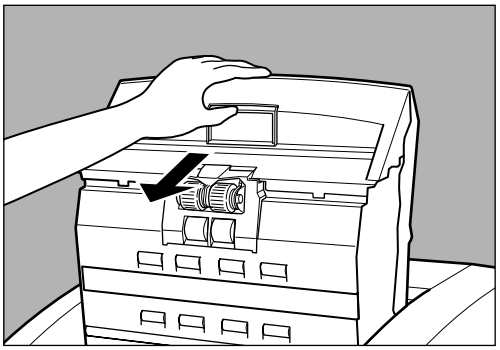
Shading Plates

3 Wipe the shading plates with a firmly wrung cloth moistened with water or mild detergent.

4 Press the [Stop] key.

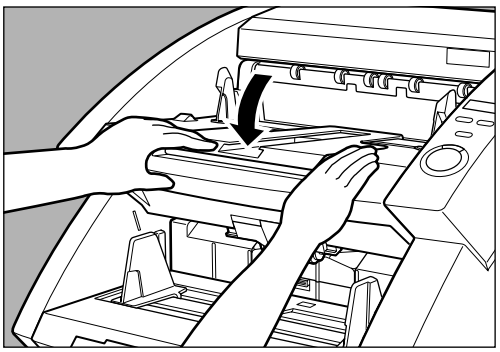
The shading plates retract.

5 Carefully close the upper scanner.



6 Press the upper scanner down firmly on both sides to close it.

If you press the upper scanner down only on one side, the opposite side will not be fully closed. Make sure that you hear it click into place.

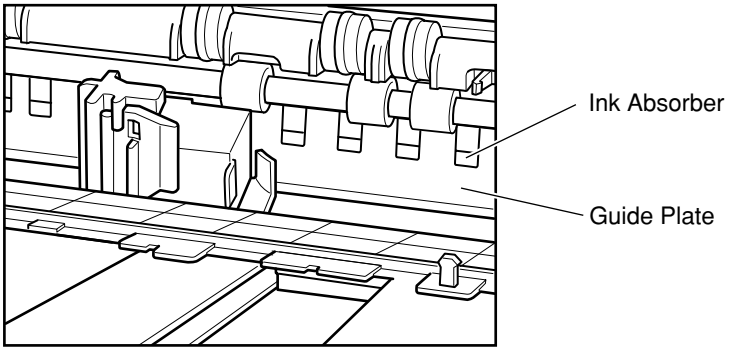


Important

If there is no change in the appearance of the image after you have cleaned the shading plates, contact your service representative.

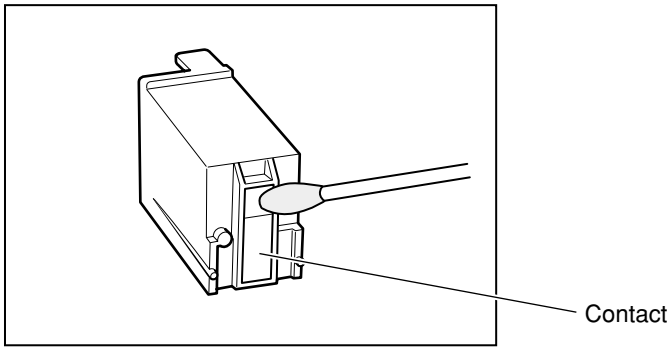
Cleaning the Guide Plate (When Using the Imprinter)

Ink that collects on the guide plate inside the optional imprinter may stain the documents when they are scanned. Clean off the ink with water and a mild detergent on a soft cloth that has been firmly wrung, and then thoroughly dry it with a dry cloth.



Cleaning the Ink Jet Nozzles (When Using the Imprinter)

Ink that collects around the ink jet nozzle may stain your documents or cause the text to appear scratchy. Remove the ink jets and clean them periodically with cotton swabs.



Important

Do not touch the contact while you are cleaning the ink jet nozzles. Doing so may cause incorrect printing.

Power Outlet

If you leave the power plug connected to the power outlet for a long period of time, dust may accumulate at the power outlet, and cause a fire or electrical shock. Clean it periodically.

7.2 Replacing the Rollers

The feed rollers (pickup rollers, feed rollers, and retard rollers) are consumables. The feed rollers need to be changed periodically to maintain scanning quality.

When to Replace the Rollers

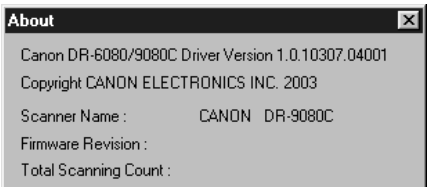
If the total number of scanned documents exceeds 250,000, a message for roller replacement appears when you restart the computer. In this case, buy the exchange roller kit and replace the feed rollers (pickup rollers, feed rollers, and retard rollers).

DR-6080/9080C Attention!
To maintain maximum performance,
current rollers should be replaced now.
Please follow the "Replacing the Rollers" in the Instructions for the replacement.
After you complete the replacement, please make sure to reset the counter. Please also refer to the Instructions to reset the counter.
Do not show this message again.
OK

Be sure to reset the counter after changing the counter.

Important

- Windows NT do not support a function to display a message for roller replacement. To confirm the total scan, check “Total Scanning Count” in the “About” dialog box of the ISIS/TWAIN driver and replace the feed rollers if the count shows around 250,000 scans.

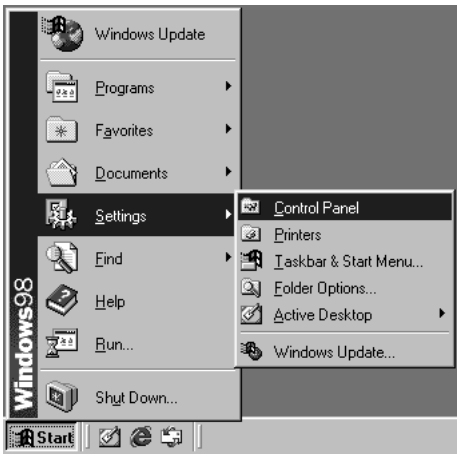


- Contact your sales representative for information about exchange roller kit (pickup rollers, feed rollers, and retard rollers).

Resetting the Counter

Do the following procedure to reset the counter after replacing the feed rollers.

1 Click the [Start] button, and then click [Settings]-[Control Panel].

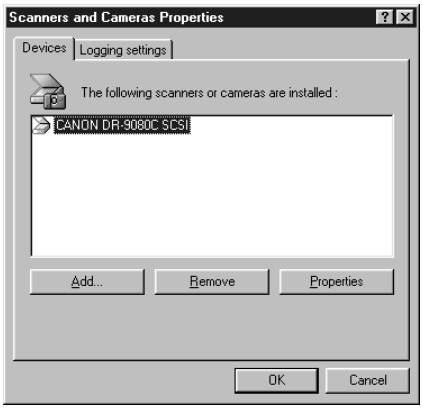


2 Double click on the [Scanners and Cameras] icon

Note

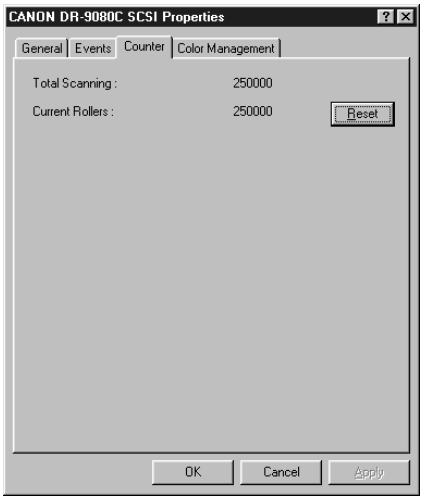
- Windows NT do not display the “Scanners and Cameras” icon.
- The displayed dialog box differs depending on which Windows operating system you are using.

3 Select the scanner that you are using, and click on the [Properties] button.



4 Click the [Counter] tab.

5 Click the [Reset] button and confirm whether the counter is reset to 0.

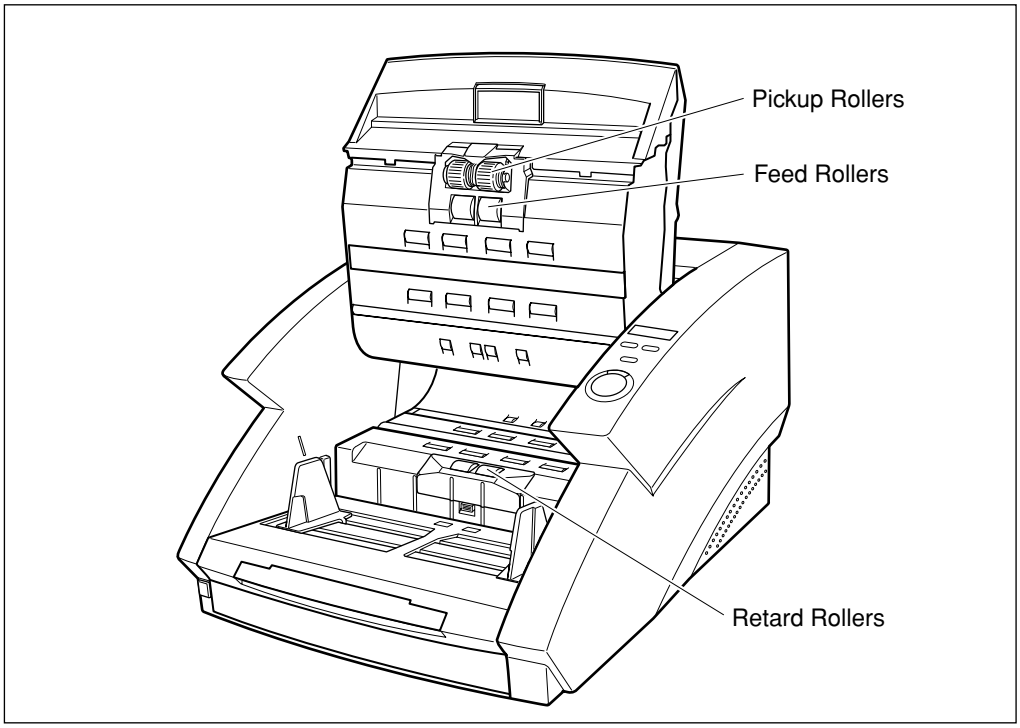


Installing and Removing the Rollers

Follow the procedure shown below to remove and install the rollers when you need to clean or replace the pickup, feed, or retard rollers.

CAUTION

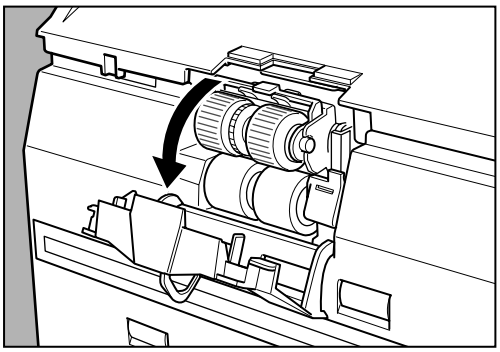
- Turn OFF the power to the scanner and unplug the power cord from the power outlet when you remove or install the rollers. Leaving the power turned ON may result in an electrical shock.
- When removing or replacing the rollers be careful to not use too much force. Forcing the rollers into position may damage them.



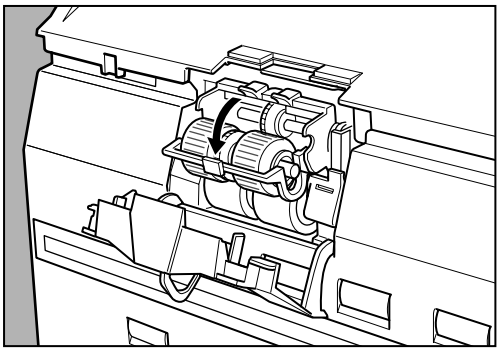
◆ Installing and Removing Pickup Rollers

1 **Open the upper scanner.**

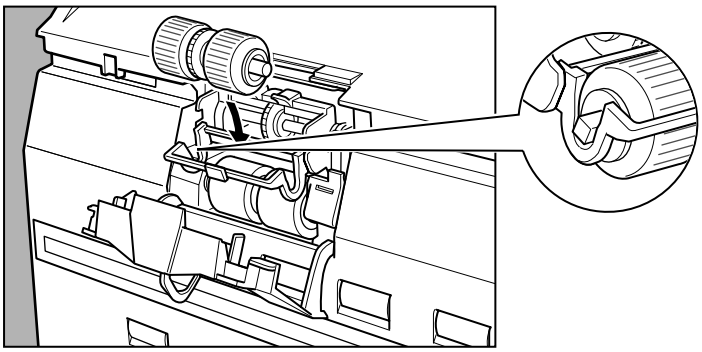
2 **Open the roller cover.**



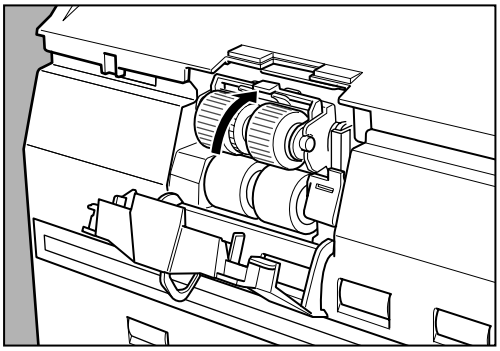
3 **Open the roller holder and remove the pickup rollers.**



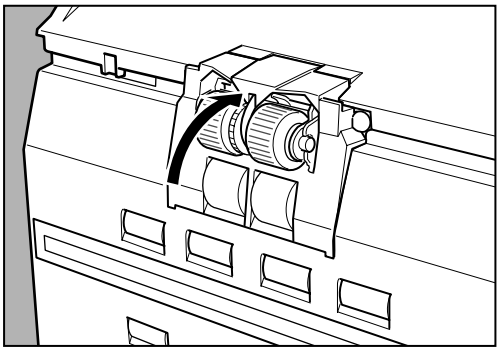
4 **Position the square axle of the pickup roller on the left and insert the new pickup rollers.**



5 Firmly close the roller holder until you hear it click.



6 Firmly close the roller cover until you hear it click.



7 Carefully close the upper scanner.

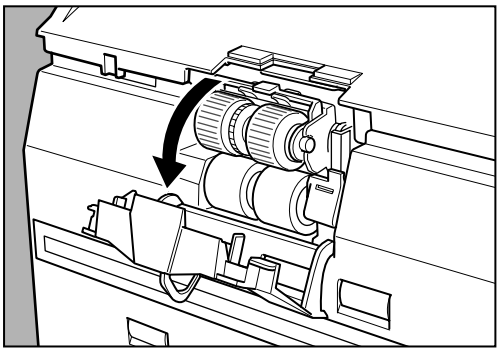
Important

If the roller holder and roller cover are not firmly closed it will cause a feed error. Always be sure to check that the roller holder and roller cover are closed.

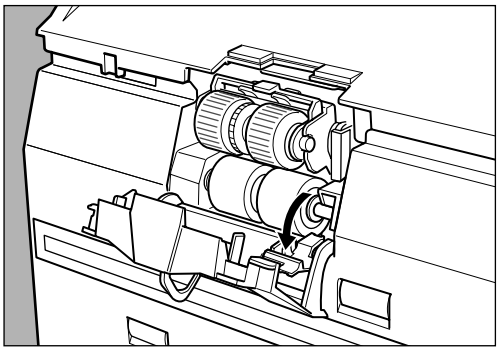
◆ Installing and Removing Feed Rollers

1 **Open the upper scanner.**

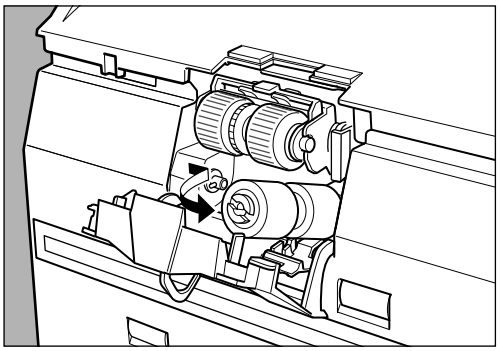
2 **Open the roller cover.**



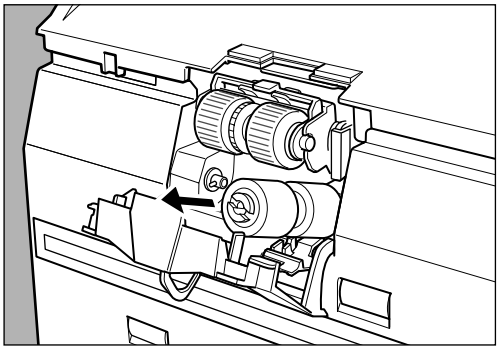
3 **Pull the lever that locks the feed rollers in place towards you.**



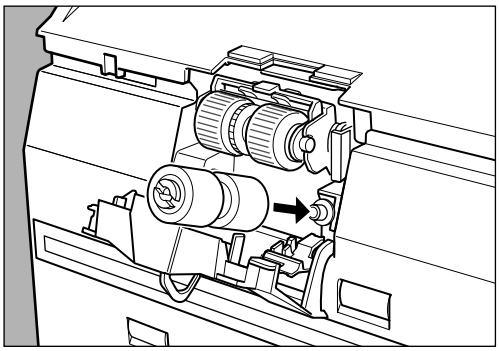
4 **Slide the feed rollers to the right, and then pull them towards you.**



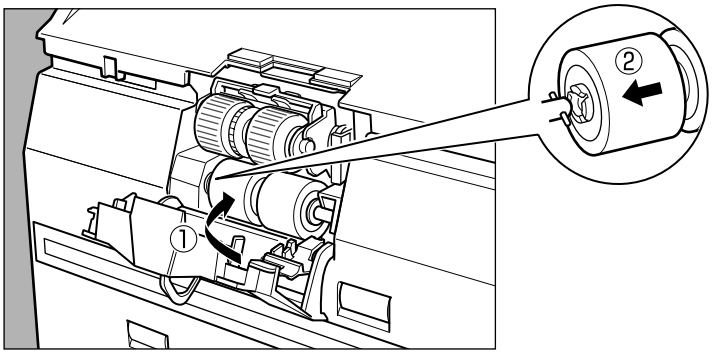
5 Remove the feed rollers.



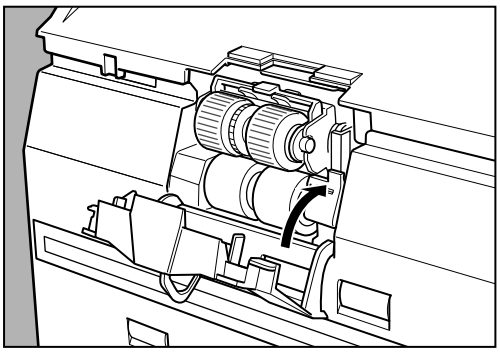
6 Place the new feed rollers on the pin.



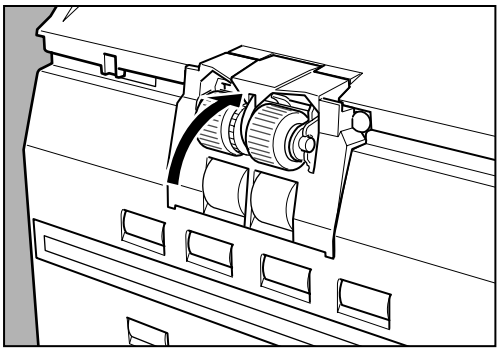
7 Set the feed rollers in place (①), and align the notch in the roller's axle with the shaft on the scanner (②).



8 Lock the lever.



9 Firmly close the roller cover until you hear it click.



10 Carefully close the upper scanner.

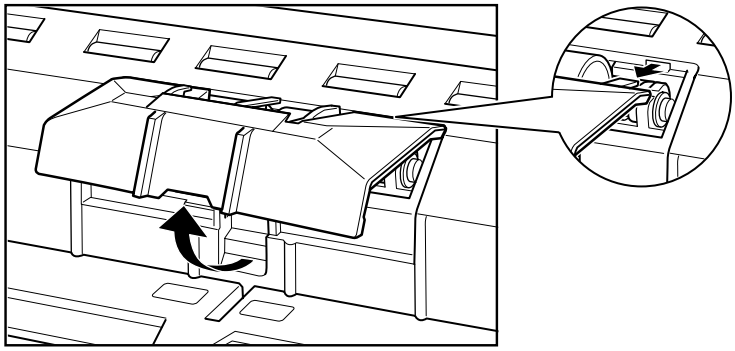
Important

If the roller cover is not firmly closed it will cause a feed error. Always be sure to check that the roller cover is closed.

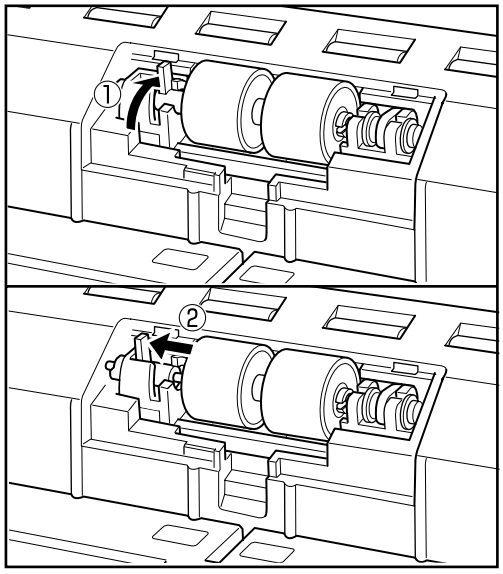
◆ Installing and Removing Retard Rollers

1 **Open the upper scanner.**

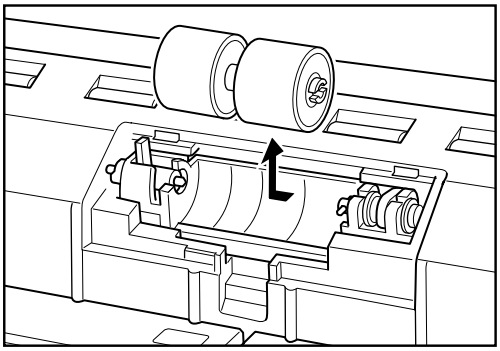
2 **Remove the roller cover.**



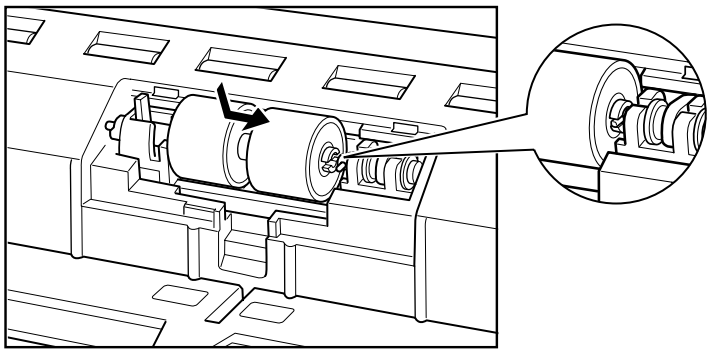
3 **Lift the roller clamp lever (①) and slide it to the left (②).**



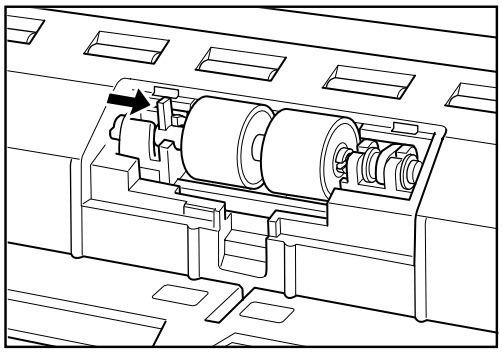
4 **Move the retard rollers to the left and remove them.**



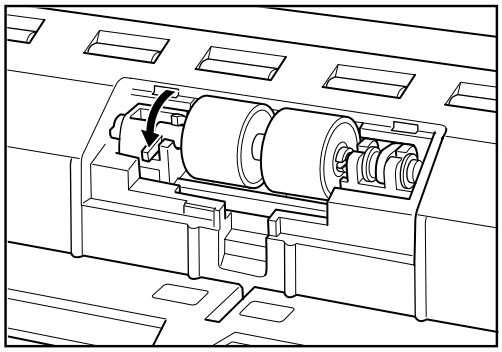
5 **Set the new retard rollers in place, and align the notch in the roller's axle with the shaft on the scanner.**



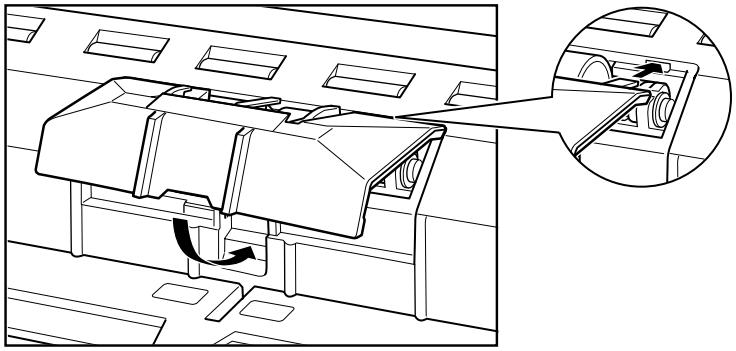
6 **Slide the roller clamp lever to the right, and push it into the hole in the retard rollers.**



7 Pull the lever towards you to clamp the retard rollers in place.



8 Put back the roller cover.



9 Carefully close the upper scanner.

CAUTION

- Be sure that the hook is completely latched and the roller cover is not loose. If the roller cover is loose, the document tray will catch on it causing the scanner to not operate correctly.
- Never clean the scanner with any kind of organic solvent, such as alcohol, benzene, or paint thinner. Doing so might cause a fire and electrical shock, or cause the exterior of the scanner to disfigure or discolor.